

Form PTO-1390

P22145.P01

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

P22145

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371U.S. APPLICATION NO. (If known, see 37 CFR  
1.5)

10/089051

INTERNATIONAL APPLICATION NO.

PCT/KR01/00166

INTERNATIONAL FILING DATE

06 February 2001

PRIORITY DATE CLAIMED

30 May 2000

TITLE OF INVENTION

MULTI-DIMENSIONAL ORTHOPGONAL RESOURCES HOPPING MULTIPLEXING COMMUNICATIONS METHOD AND APPARATUS

APPLICANT(S) FOR DO/EO/US

Dan-Keun SUNG and Su Won PARK

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
4. ☒ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☒ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (U.S.C. 371(c)(5)).

Items 11 to 16 below concern other document(s) or information included:

11. Assignee: KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, of Taejeon, REPUBLIC OF KOREA, and ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, of Daejeon, REPUBLIC OF KOREA
12. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ Figure of Drawing to be published 1
18. ☒ Other items or information:
  - Amendment under Article 34.
  - Executed Small Entity Status form.
  - International Application as published.
  - PCT/IPEA/402.
  - PCT/IB/308.
  - PCT/ISA/220.
  - PCT/ISA/210.
  - PCT/ISA/202.
  - PCT/IB/301.
  - PCT/IB/304.
  - PCT/RO/105.
  - PCT/RO/101 PCT-Request Form.
  - Notification of Change of Applicant.
  - PCT/IPEA/401 Chapter II Demand.
  - Cover Letter Submitting Amended Pages.
  - Claim of Priority.

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19. ☒ The following fees are submitted:

CALCULATIONS

PTO USE ONLY

Basic National Fee (37 CFR 1.492(a)(1)-(5)):

Search report has been prepared by the EPO or JPO. . . . . \$ 890.00

International preliminary examination fee paid to USPTO (37 CFR 1.482). . . . . \$ 710.00

No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)). . . . . \$ 740.00

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO. . . . . \$1,040.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4). . . . . \$ 100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$1,040.00

Surcharge of \$130.00 for furnishing the oath or declaration later than \_\_\_ 20 \_\_\_ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 0.00

Claims

Number Filed

Number Extra

RATE

\$ 0.00

Total Claims

61 - 20 =

41

X \$18.00

\$ 738.00

Independent Claims

4 - 3 =

1

X \$84.00

\$ 84.00

Multiple dependent claim(s) (if applicable)

+ \$280.00

\$ 0.00

TOTAL OF ABOVE CALCULATIONS =

\$1,862.00

☒ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

\$ 931.00

SUBTOTAL =

931.00

Processing fee of \$130.00 for furnishing the English translation later than \_\_\_ 20 \_\_\_ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

+

0.00

Extension of Time fee in the amount of \$

0.00

TOTAL NATIONAL FEE =

931.00

Fee for recording the enclosed assignment (37 CFR 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+

40.00

TOTAL FEES ENCLOSED =

971.00

Amount to be refunded

\$

Charged

\$

a. ☒ A check in the amount of \$971.00 to cover the above fees is enclosed.

b. \_\_\_ Please charge my Deposit Account No. \_\_\_ in the amount of \$\_\_\_ to cover the above fees.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0089.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO CUSTOMER NO. 7055  
AT THE PRESENT ADDRESS OF:Bruce H. Bernstein  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

07055

PATENT TRADEMARK OFFICE

SIGNATURE

Bruce H. Bernstein

NAME

29,027

REGISTRATION NUMBER